How Do Medicare Advantage Prices Vary Geographically?
Evidence from a New Price Index

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Figures Appendix 1

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A Appendices

A.1 Figures Appendix 1

A.1.1 Appendix 1 MA Price Index Maps

Figure A.1.1: Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (74.985), top-coded at 95% (279.057).
Controls: Procedure code, log(units).
Figure A.1.1: Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

2014 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.251), top-coded at 95% (275.075).
Controls: Procedure code, log(units).

2015 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.284), top-coded at 95% (271.03).
Controls: Procedure code, log(units).
Figure A.1.1: Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.014), top-coded at 95% (268.802).
Controls: Procedure code, log(units).

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.2: Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

2012 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (75.052), top-coded at 95% (279.363).
Controls: Procedure code, log(units), demographics, modification codes.

2013 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.578), top-coded at 95% (300.064).
Controls: Procedure code, log(units), demographics, modification codes.
**Figure A.1.2:** Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

2014 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (77.846), top-coded at 95% (266.794).
Controls: Procedure code, log(units), demographics, modification codes.

2015 Outpatient County MA Price Index
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (75.741), top-coded at 95% (247.614).
Controls: Procedure code, log(units), demographics, modification codes.
Figure A.1.2: Yearly Outpatient County MA Price Index Maps
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (77.63), top-coded at 95% (261.538).
Controls: Procedure code, log(units), demographics, modification codes.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.3: Yearly Outpatient County MA Price Index Maps
Ambulance; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (50.802), top-coded at 95% (142.425).
Controls: Procedure code, log(units), demographics.
Figure A.1.3: Yearly Outpatient County MA Price Index Maps

Ambulance; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (66.2), top-coded at 95% (138.212).
Controls: Procedure code, log(units), demographics.
Figure A.1.3: Yearly Outpatient County MA Price Index Maps
Ambulance; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (49.431), top-coded at 95% (147.941).
Controls: Procedure code, log(units), demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.4: Yearly Outpatient County MA Price Index Maps

Observation; In-Network

2012 Outpatient County MA Price Index
Observation; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (69.037), top-coded at 95% (337.67).
Controls: Procedure code, log(units), demographics.

2013 Outpatient County MA Price Index
Observation; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (83.721), top-coded at 95% (416.362).
Controls: Procedure code, log(units), demographics.
Figure A.1.4: Yearly Outpatient County MA Price Index Maps
Observation; In-Network

2014 Outpatient County MA Price Index
Observation; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (79.98), top-coded at 95% (238.173).
       Controls: Procedure code, log(units), demographics.

2015 Outpatient County MA Price Index
Observation; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (77.336), top-coded at 95% (244.467).
       Controls: Procedure code, log(units), demographics.
Figure A.1.4: Yearly Outpatient County MA Price Index Maps
Observation; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (74.006), top-coded at 95% (233.049).
Controls: Procedure code, log(units), demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.5: Yearly Outpatient County MA Price Index Maps
Other Outpatient Services; In-Network

2012 Outpatient County MA Price Index
Other Outpatient Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (60.889), top-coded at 95% (165.561).
Controls: Procedure code, log(units), demographics.

2013 Outpatient County MA Price Index
Other Outpatient Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (60.836), top-coded at 95% (158.647).
Controls: Procedure code, log(units), demographics.
Figure A.1.5: Yearly Outpatient County MA Price Index Maps

Other Outpatient Services; In-Network

2014 Outpatient County MA Price Index
Other Outpatient Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (70.345), top-coded at 95% (162.17).
Controls: Procedure code, log(units), demographics.

2015 Outpatient County MA Price Index
Other Outpatient Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (69.692), top-coded at 95% (157.135).
Controls: Procedure code, log(units), demographics.
Figure A.1.5: Yearly Outpatient County MA Price Index Maps
Other Outpatient Services; In-Network

2016 Outpatient County MA Price Index
Other Outpatient Services; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (69.289), top-coded at 95% (153.565).
Controls: Procedure code, log(units), demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.6: Yearly Outpatient County MA Price Index Maps
Outpatient Surgery; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (69.176), top-coded at 95% (209.919).
Controls: Procedure code, log(units), demographics.
**Figure A.1.6: Yearly Outpatient County MA Price Index Maps**

Outpatient Surgery; In-Network

2014 Outpatient County MA Price Index
Outpatient Surgery; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (76.453), top-coded at 95% (191.558).
Controls: Procedure code, log(units), demographics.

2015 Outpatient County MA Price Index
Outpatient Surgery; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (71.374), top-coded at 95% (175.488).
Controls: Procedure code, log(units), demographics.
Figure A.1.6: Yearly Outpatient County MA Price Index Maps
Outpatient Surgery; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (66.876), top-coded at 95% (172.775).
Controls: Procedure code, log(units), demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.7: Yearly Outpatient County MA Price Index Maps
Radiology Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (77.611), top-coded at 95% (218.124).
Controls: Procedure code, log(units), demographics.
Figure A.1.7: Yearly Outpatient County MA Price Index Maps
Radiology Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (85.633), top-coded at 95% (228.89).
Controls: Procedure code, log(units), demographics.
Figure A.1.7: Yearly Outpatient County MA Price Index Maps
Radiology Services; In-Network

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.8: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (72.563), top-coded at 95% (134.957).
Controls: DRG.
Figure A.1.8: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (74.573), top-coded at 95% (136.787).
Controls: DRG.
Figure A.1.8: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-codded at 5% (73.508), top-codded at 95% (145.998).
Controls: DRG.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.9: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (60.894), top-coded at 95% (150.849).
Controls: DRG, demographics.
Figure A.1.9: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

2014 Inpatient County MA Price Index
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (65.628), top-coded at 95% (147.459).
Controls: DRG, demographics.

2015 Inpatient County MA Price Index
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (67.001), top-coded at 95% (147.399).
Controls: DRG, demographics.
Figure A.1.9: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (62.531), top-coded at 95% (160.689).
Controls: DRG, demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.10: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (72.152), top-coded at 95% (137.115).
Controls: DRG, log(length of stay).
**Figure A.1.10:** Yearly Inpatient County MA Price Index Maps

All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.

Note(s): Recentered at the median. Bottom-coded at 5% (73.935), top-coded at 95% (137.354).

Controls: DRG, log(length of stay).
Figure A.1.10: Yearly Inpatient County MA Price Index Maps
All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (72.8), top-coded at 95% (145.562).
Controls: DRG, log(length of stay).

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.11: Yearly Inpatient County MA Price Index Maps

Medical; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (75.084), top-coded at 95% (137.43).
Controls: DRG, log(length of stay), demographics.
Figure A.1.11: Yearly Inpatient County MA Price Index Maps

Medical; In-Network

2014 Inpatient County MA Price Index
Medical; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (77.199), top-coded at 95% (134.714).
Controls: DRG, log(length of stay), demographics.

2015 Inpatient County MA Price Index
Medical; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (79.342), top-coded at 95% (142.047).
Controls: DRG, log(length of stay), demographics.
Figure A.1.11: Yearly Inpatient County MA Price Index Maps
Medical; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (72.989), top-coded at 95% (139.687).
Controls: DRG, log(length of stay), demographics.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.12: Yearly Inpatient County MA Price Index Maps

SNF; In-Network

2012 Inpatient County MA Price Index
SNF; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (67.007), top-coded at 95% (161.718).
Controls: DRG, log(length of stay), demographics.

2013 Inpatient County MA Price Index
SNF; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.61), top-coded at 95% (123.06).
Controls: DRG, log(length of stay), demographics.
Figure A.1.12: Yearly Inpatient County MA Price Index Maps
SNF; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (69.178), top-coded at 95% (157.975).
Controls: DRG, log(length of stay), demographics.

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (81.373), top-coded at 95% (135.423).
Controls: DRG, log(length of stay), demographics.
Figure A.1.12: Yearly Inpatient County MA Price Index Maps
SNF; In-Network

2016 Inpatient County MA Price Index
SNF; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (51.402), top-coded at 95% (296.005).
Controls: DRG, log(length of stay), demographics.

Link to County Fixed Effects and Price Indices Estimates.
**Figure A.1.13:** Yearly Inpatient County MA Price Index Maps
Substance Abuse; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (74.666), top-coded at 95% (129.699).
Controls: DRG, log(length of stay), demographics.

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (75.576), top-coded at 95% (129.922).
Controls: DRG, log(length of stay), demographics.
Figure A.1.13: Yearly Inpatient County MA Price Index Maps
Substance Abuse; In-Network

2014 Inpatient County MA Price Index
Substance Abuse; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (72.574), top-coded at 95% (136.393).
Controls: DRG, log(length of stay), demographics.

2015 Inpatient County MA Price Index
Substance Abuse; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (78.513), top-coded at 95% (138.252).
Controls: DRG, log(length of stay), demographics.
Figure A.1.13: Yearly Inpatient County MA Price Index Maps
Substance Abuse; In-Network

2016 Inpatient County MA Price Index
Substance Abuse; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Note(s): Recentered at the median. Bottom-coded at 5% (63.588), top-coded at 95% (150.588).
Controls: DRG, log(length of stay), demographics.

Link to County Fixed Effects and Price Indices Estimates.
A.1.2 Appendix 1 Yearly County Fixed Effects Comparison Scatterplots

Figure A.1.14: Yearly Outpatient County Fixed Effects Comparison Scatterplots
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCII outpatient claims dataset.
Notes: Controls: Procedure code, log(units). Number of counties: 2990.
Bars show 95% confidence intervals for each estimate.
Figure A.1.14: Yearly Outpatient County Fixed Effects Comparison Scatterplots
All Outpatient Procedures; In-Network

2012 and 2015 Outpatient County Fixed Effects
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units). Number of counties: 2660.
Bars show 95% confidence intervals for each estimate.

2012 and 2016 Outpatient County Fixed Effects
All Outpatient Procedures; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units). Number of counties: 2653.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.15: Yearly Outpatient County Fixed Effects Comparison Scatterplots

All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics, modification codes. Number of counties: 2890.
Bars show 95% confidence intervals for each estimate.
Figure A.1.15: Yearly Outpatient County Fixed Effects Comparison Scatterplots
All Outpatient Procedures; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics, modification codes. Number of counties: 2660.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.16: Yearly Outpatient County Fixed Effects Comparison Scatterplots

Ambulance; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 166. Bars show 95% confidence intervals for each estimate.
Figure A.1.16: Yearly Outpatient County Fixed Effects Comparison Scatterplots

Ambulance; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 167.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.17: Yearly Outpatient County Fixed Effects Comparison Scatterplots

Observation; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 1426.
Bars show 95% confidence intervals for each estimate.
Figure A.1.17: Yearly Outpatient County Fixed Effects Comparison Scatterplots

Observation; In-Network

2012 and 2015 Outpatient County Fixed Effects
Observation; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 1278.
Bars show 95% confidence intervals for each estimate.

2012 and 2016 Outpatient County Fixed Effects
Observation; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 1162.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.18: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Other Outpatient Services; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 2642.
Bars show 95% confidence intervals for each estimate.
Figure A.1.18: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Other Outpatient Services; In-Network

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.19: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Outpatient Surgery; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 1980.
Bars show 95% confidence intervals for each estimate.
Figure A.1.19: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Outpatient Surgery; In-Network

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.20: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Radiology Services; In-Network

Source: Authors’ calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 2306.
Bars show 95% confidence intervals for each estimate.
Figure A.1.20: Yearly Outpatient County Fixed Effects Comparison Scatterplots
Radiology Services; In-Network

2012 and 2015 Outpatient County Fixed Effects
Radiology Services; In-Network

2012 and 2016 Outpatient County Fixed Effects
Radiology Services; In-Network

Source: Authors' calculations from HCCI outpatient claims dataset.
Notes: Controls: Procedure code, log(units), demographics. Number of counties: 2076.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.21: Yearly Inpatient County Fixed Effects Comparison Scatterplots

All Inpatient Stays; In-Network

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG. Number of counties: 1811.
Bars show 95% confidence intervals for each estimate.
Figure A.1.21: Yearly Inpatient County Fixed Effects Comparison Scatterplots

All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG. Number of counties: 1772.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.22: Yearly Inpatient County Fixed Effects Comparison Scatterplots

All Inpatient Stays; In-Network

2012 and 2013 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Correlation: 0.199

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, demographics. Number of counties: 1792.
Bars show 95% confidence intervals for each estimate.

2012 and 2014 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Correlation: 0.226

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, demographics. Number of counties: 1791.
Bars show 95% confidence intervals for each estimate.
Figure A.1.22: Yearly Inpatient County Fixed Effects Comparison Scatterplots
All Inpatient Stays; In-Network

2012 and 2015 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, demographics. Number of counties: 1737.
Bars show 95% confidence intervals for each estimate.

2012 and 2016 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, demographics. Number of counties: 1474.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.23: Yearly Inpatient County Fixed Effects Comparison Scatterplots

All Inpatient Stays; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay). Number of counties: 1811.
Bars show 95% confidence intervals for each estimate.
Figure A.1.23: Yearly Inpatient County Fixed Effects Comparison Scatterplots

All Inpatient Stays; In-Network

2012 and 2015 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Correlation: 0.608

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay). Number of counties: 1772.
Bars show 95% confidence intervals for each estimate.

2012 and 2016 Inpatient County Fixed Effects
All Inpatient Stays; In-Network

Correlation: 0.546

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay). Number of counties: 1514.
Bars show 95% confidence intervals for each estimate.

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.24: Yearly Inpatient County Fixed Effects Comparison Scatterplots

Medical; In-Network

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 1685.
Bars show 95% confidence intervals for each estimate.
Figure A.1.24: Yearly Inpatient County Fixed Effects Comparison Scatterplots

Medical; In-Network

Link to County Fixed Effects and Price Indices Estimates.

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 1658.
Bars show 95% confidence intervals for each estimate.
Figure A.1.25: Yearly Inpatient County Fixed Effects Comparison Scatterplots

SNF; In-Network

Source: Authors' calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 316. Bars show 95% confidence intervals for each estimate.
Figure A.1.25: Yearly Inpatient County Fixed Effects Comparison Scatterplots

SNF; In-Network

Link to County Fixed Effects and Price Indices Estimates.
Figure A.1.26: Yearly Inpatient County Fixed Effects Comparison Scatterplots

Substance Abuse; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 55. Bars show 95% confidence intervals for each estimate.
Figure A.1.26: Yearly Inpatient County Fixed Effects Comparison Scatterplots

Substance Abuse; In-Network

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 88. Bars show 95% confidence intervals for each estimate.

Correlation: 0.434

Source: Authors’ calculations from HCCI inpatient claims dataset.
Notes: Controls: DRG, log(length of stay), demographics. Number of counties: 73. Bars show 95% confidence intervals for each estimate.

Correlation: 0.501

Link to County Fixed Effects and Price Indices Estimates.